

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,046,239 B2
APPLICATION NO. : 09/770078
DATED : May 16, 2006
INVENTOR(S) : Katsuhiko Asai et al.

Page 1 of 1

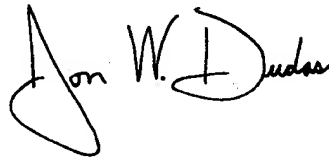
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page:

(75) Inventors: delete "Mikihiro Komatsu, Ibaraki (JP); Kazuaki Okumura, Ikeda (JP); Naoki Masazumi, Kobe (JP)".

Signed and Sealed this

Second Day of October, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office